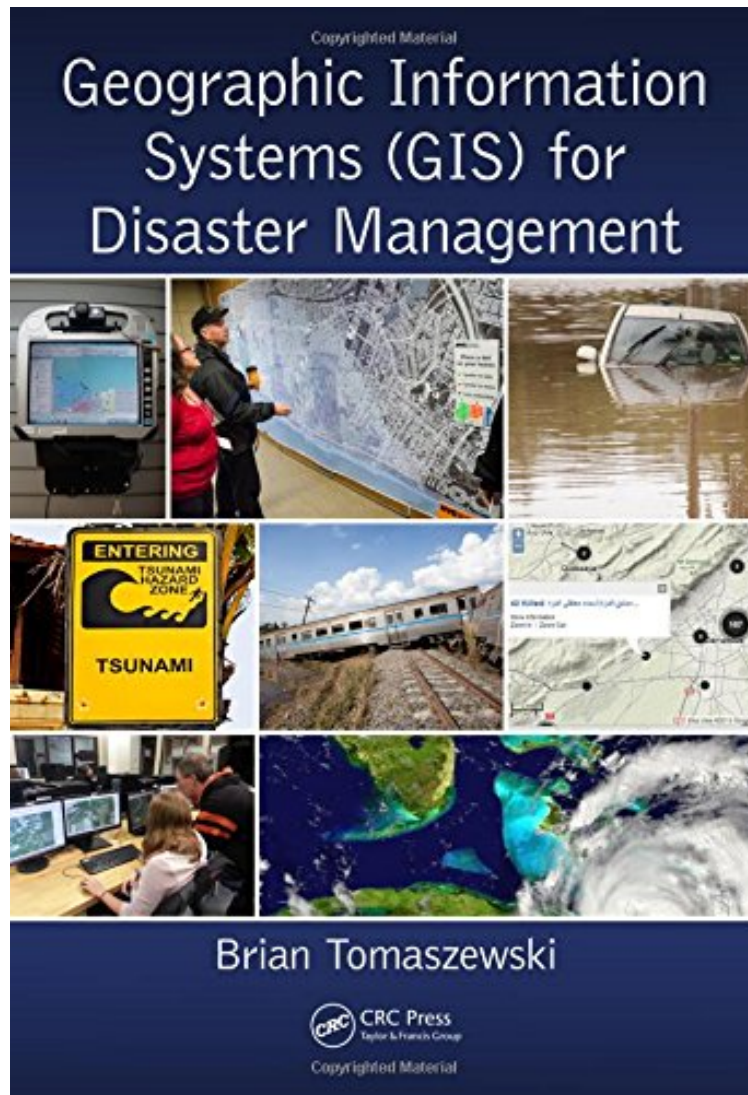


(Library ebook) Geographic Information Systems (GIS) for Disaster Management

# Geographic Information Systems (GIS) for Disaster Management

Brian Tomaszewski

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**Brian Tomaszewski : Geographic Information Systems (GIS) for Disaster Management** before purchasing it in order to gage whether or not it would be worth my time, and all praised Geographic Information Systems (GIS) for Disaster Management:

0 of 0 people found the following review helpful. Great book By COA4Pretty great book. A recommendation for a newer edition is to connect disaster management (preparation oriented) with emergency response (routine, small scale). The case studies are cutting edge. My favorite one was the use of self report 911 crimes. This GIS textbook does not require a technical GIS background, instead it takes a middle and upper level management approach. This is a

good read. As for academic purposes, only a few books top it. I am waiting for Dr. Dean to publish his own GIS book not focused on nuclear waste effects to compare the two. 0 of 0 people found the following review helpful. Five Stars  
By James Bullard  
Very Informative. Sale was speedy.

Geographic Information Systems (GIS) provide essential disaster management decision support and analytical capabilities. As such, homeland security professionals would greatly benefit from an interdisciplinary understanding of GIS and how GIS relates to disaster management, policy, and practice. Assuming no prior knowledge in GIS and/or disaster management, *Geographic Information Systems (GIS) for Disaster Management* guides readers through the basics of GIS as it applies to disaster management practice. Using a hands-on approach grounded in relevant GIS and disaster management theory and practice, this textbook provides coverage of the basics of GIS. It examines what GIS can and can't do, GIS data formats (vector, raster, imagery), and basic GIS functions, including analysis, map production/cartography, and data modeling. It presents a series of real-life case studies that illustrate the GIS concepts discussed in each chapter. These case studies supply readers with an understanding of the applicability of GIS to the full disaster management cycle. Providing equal treatment to each disaster management cycle phase, the book supplies disaster management practitioners and students with coverage of the latest developments in GIS for disaster management and emerging trends. It takes a learning-by-examples approach to help readers apply what they have learned from the examples and disaster management scenarios to their specific situations. The book illustrates how GIS technology can help disaster management professionals, public policy makers, and decision-makers at the town, county, state, federal, and international levels. Offering software-neutral best practices, this book is suitable for use in undergraduate- or graduate-level disaster management courses. Offering extensive career advice on GIS for disaster management from working professionals, the book also includes a GIS for disaster management research agenda and ideas for staying current in the field.